Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088339.D
Acq On : 24 Jun 2016 18:53
Operator : UM/SJ
Sample : H3599-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PM-STA-1412(0-4)

Quant Time: Jun 25 03:39:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	231922	20.00	ng		0.14
21) Naphthalene-d8	7.87	136	321623	20.00	ng		-0.02
38) Acenaphthene-d10	9.61	164	145564	20.00	ng		-0.03
63) Phenanthrene-d10	11.10	188	255657	20.00	ng		-0.02
75) Chrysene-d12	13.73	240	174006	20.00	ng		-0.02
86) Perylene-d12	15.07	264	177434	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	435545	32.10	ng		0.00
7) Phenol-d6	6.25	99	576565	35.07	ng		-0.01
23) Nitrobenzene-d5	7.15	82	361676	65.67	ng		-0.02
41) 2,4,6-Tribromophenol	10.41	330	121102	78.79	ng		-0.02
44) 2-Fluorobiphenyl	8.95	172	595176	62.78	ng		-0.02
78) Terphenyl-d14	12.67	244	364923	47.72	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.35	94	847	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.15	70	46780	4.45	ng	#	74
25) Isophorone	7.15	82	353225	34.62	ng	#	65
45) 1,1'-Biphenyl	9.05	154	3719	Below Cal			96
48) Acenaphthylene	9.47	152	66854	4.46	ng		99
49) Dimethylphthalate	9.35	163	111703	10.59	ng		99
55) 4-Nitrophenol	9.83	139	7874	3.64	ng	#	5
57) Fluorene	10.16	166	20966	Below Cal		#	93
66) 4-Bromophenyl-phenylether	10.41	248	7606	2.77	ng	#	1
70) Phenanthrene	11.12	178	254847	19.00	ng		98
71) Anthracene	11.16	178	76777	5.67	ng		97
72) Carbazole	11.34	167	29934	2.36	ng		99
74) Fluoranthene	12.30	202	456528	32.25	ng		98
77) Pyrene	12.52	202	384258	29.76	ng		99
80) Benzo(a)anthracene	13.71	228	214465	21.63	ng		93
82) Chrysene	13.71	228	214465	22.99	ng		98
85) Indeno(1,2,3-cd)pyrene	16.33	276	98566	11.37	ng	#	100
87) Benzo(b)fluoranthene	14.72	252	391166	31.63	ng	#	96
88) Benzo(k)fluoranthene	14.72	252	391166	41.93	ng		99
89) Benzo(a)pyrene	14.97	252	128853	12.88	ng		98
90) Dibenzo(a,h)anthracene	16.16	278	18921	2.04	ng		93
91) Benzo(g,h,i)perylene	16.70	276	77368	8.09	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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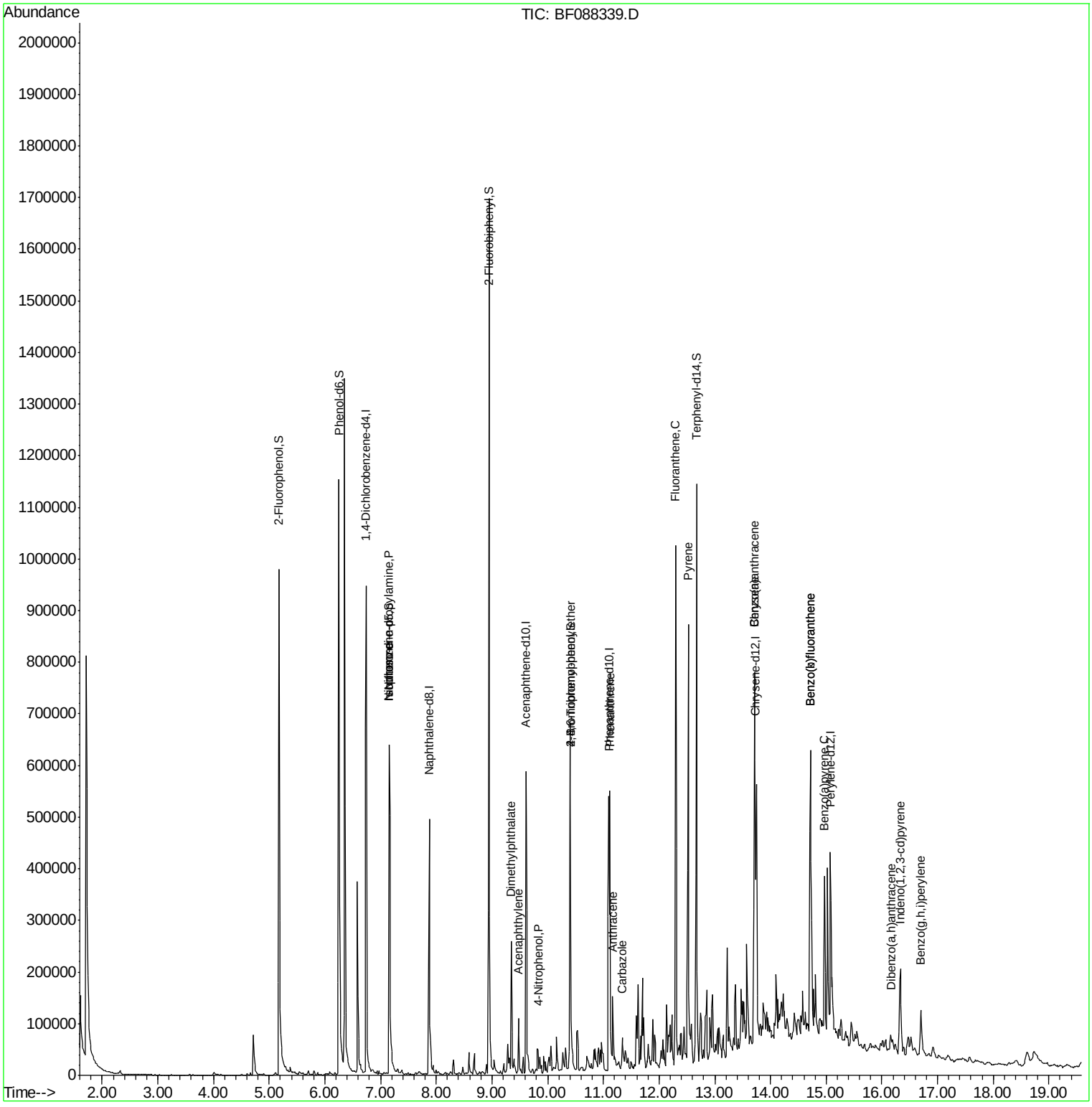
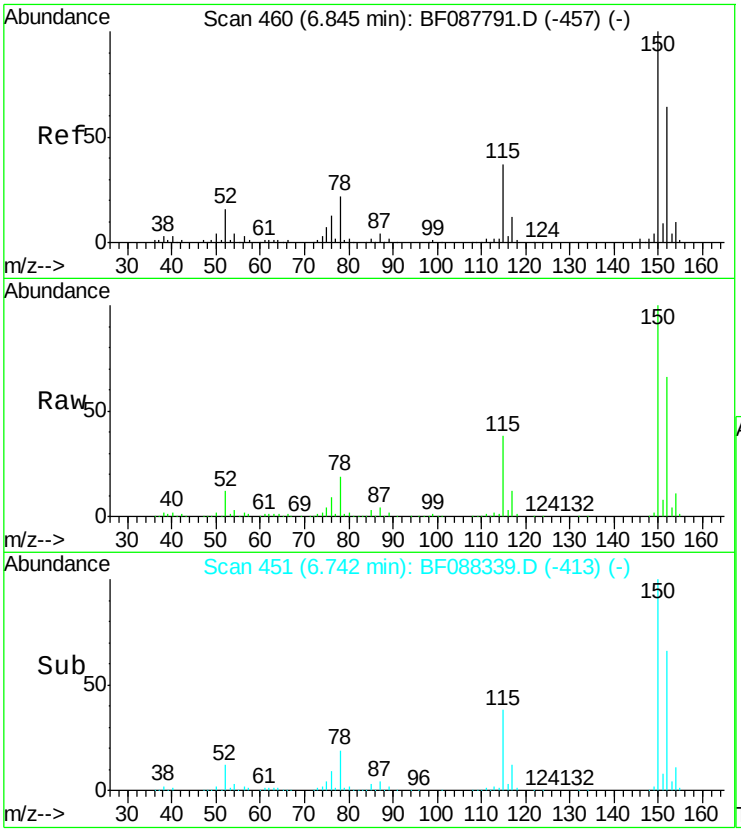


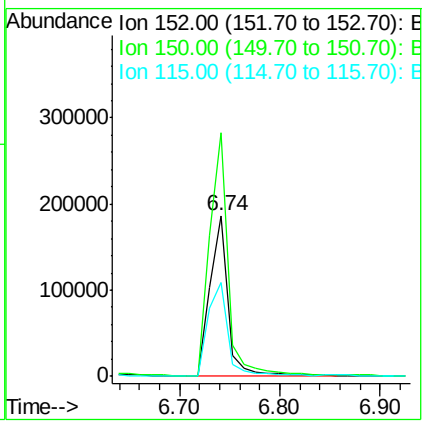


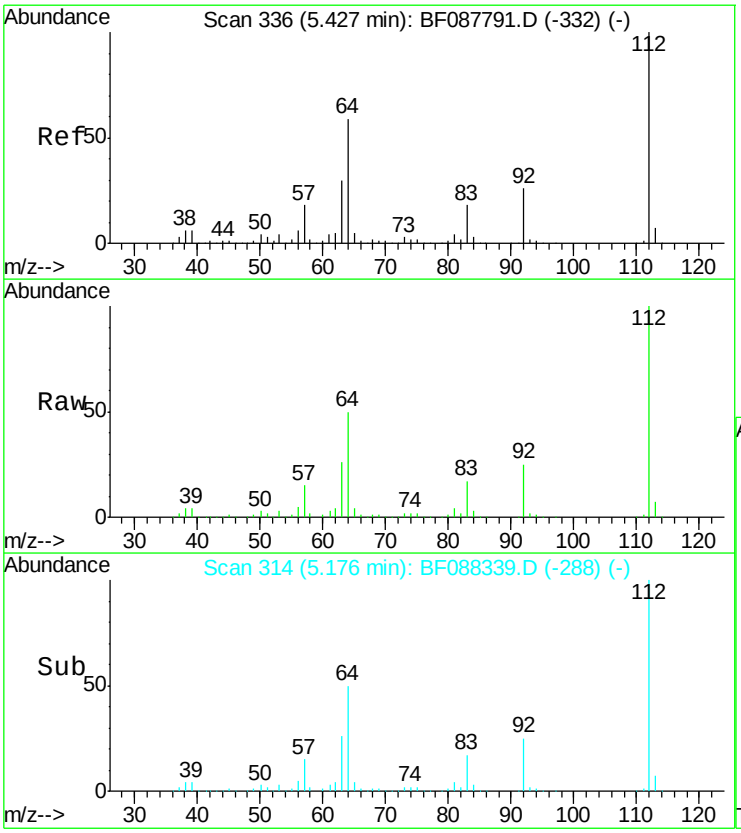
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. 0.14 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Instrument :
BNA_F
ClientSampleId :
PM-STA-1412(0-4)

Tgt Ion:152 Resp: 231922

Ion	Ratio	Lower	Upper
152	100		
150	151.5	123.8	185.6
115	58.1	39.6	59.4

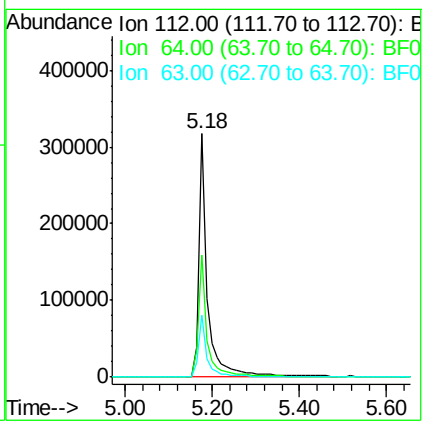


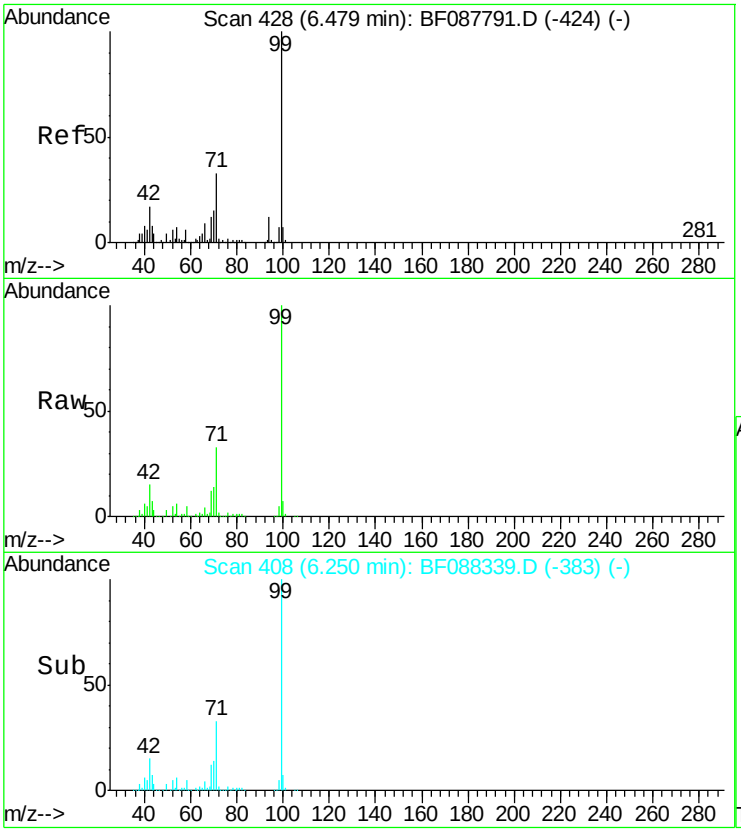


#5
2-Fluorophenol
Concen: 32.10 ng
RT: 5.18 min Scan# 314
Delta R.T. -0.00 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Tgt Ion:112 Resp: 435545

Ion	Ratio	Lower	Upper
112	100		
64	50.1	42.2	63.2
63	25.7	21.8	32.8



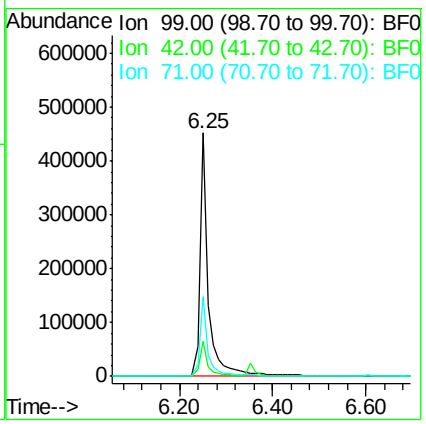


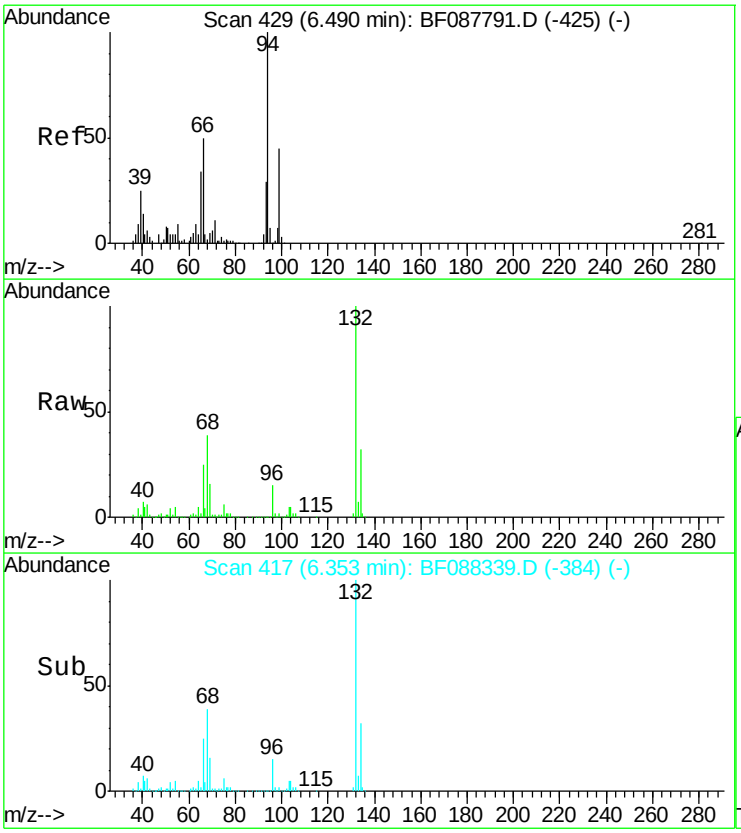
#7
Phenol-d6
Concen: 35.07 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Instrument :
BNA_F
ClientSampleId :
PM-STA-1412(0-4)

Tgt Ion: 99 Resp: 576565

Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.2	18.2
71	33.0	23.4	35.0

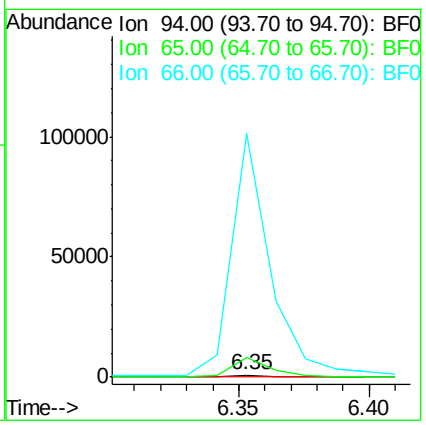


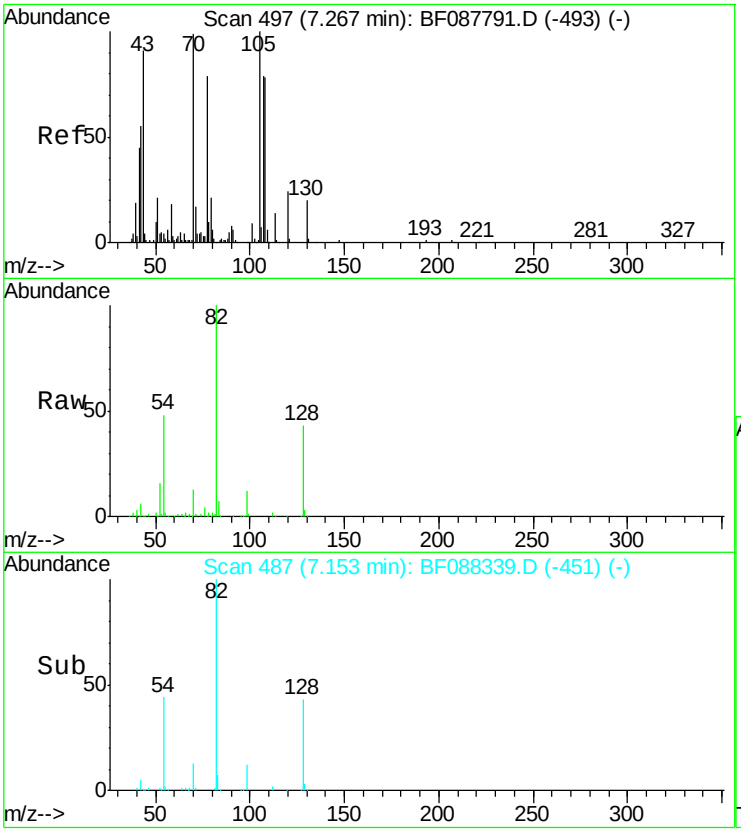


#10
Phenol
Concen: Below Cal
RT: 6.35 min Scan# 417
Delta R.T. 0.08 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Tgt Ion: 94 Resp: 847

Ion	Ratio	Lower	Upper
94	100		
65	963.2	5.9	45.9#
66	11918.1	14.0	54.0#



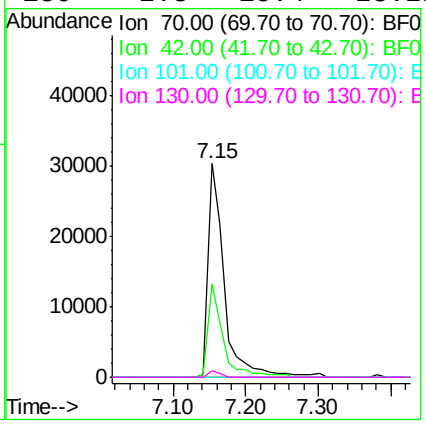


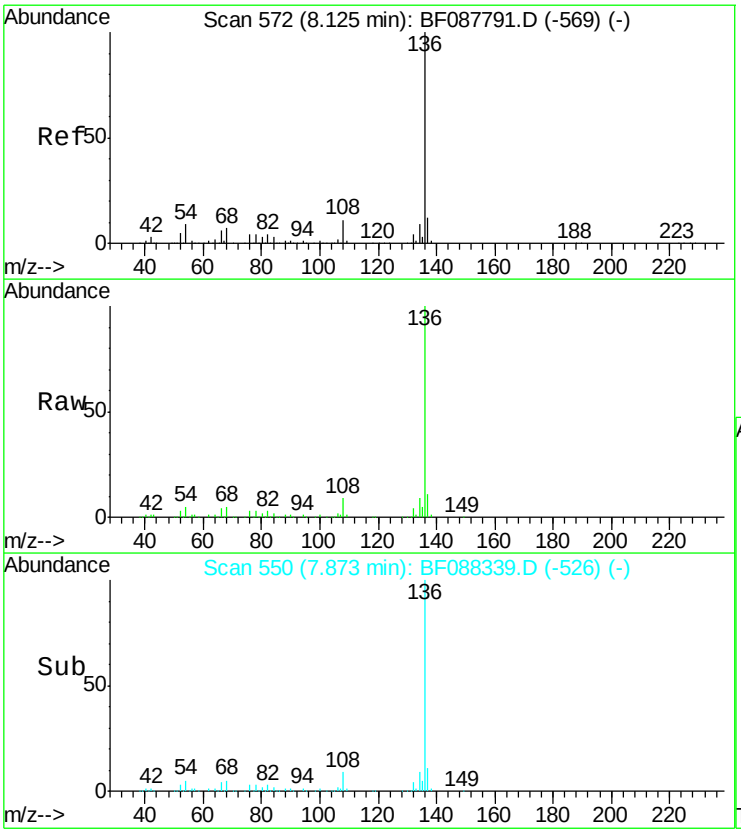
#19
n-Nitroso-di-n-propylamine
Concen: 4.45 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.11 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Instrument :
BNA_F
ClientSampleId :
PM-STA-1412(0-4)

Tgt Ion: 70 Resp: 46780

Ion	Ratio	Lower	Upper
70	100		
42	44.0	49.6	74.4#
101	0.0	7.1	10.7#
130	2.8	15.4	23.2#

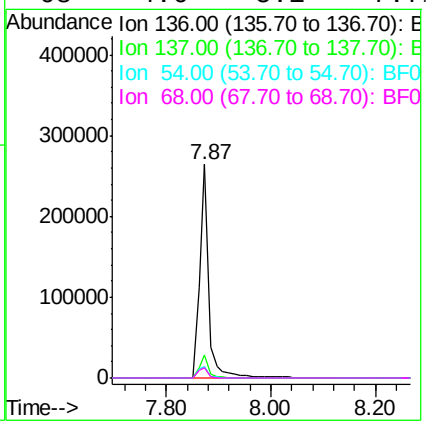


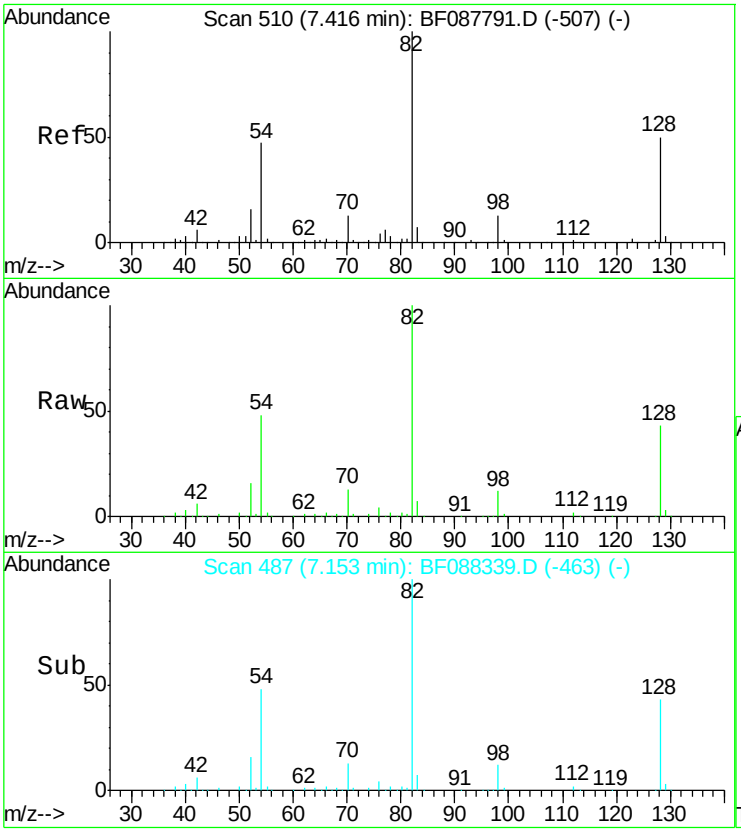


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Tgt Ion:136 Resp: 321623

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.4	6.6	10.0#
68	4.6	5.1	7.7#



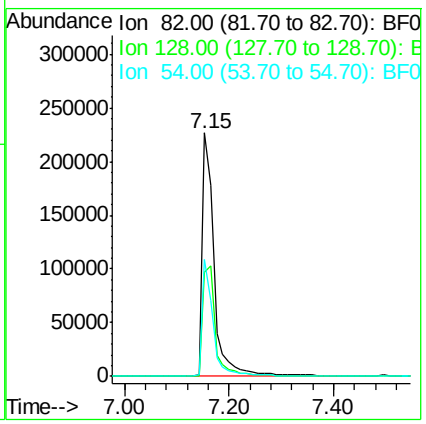


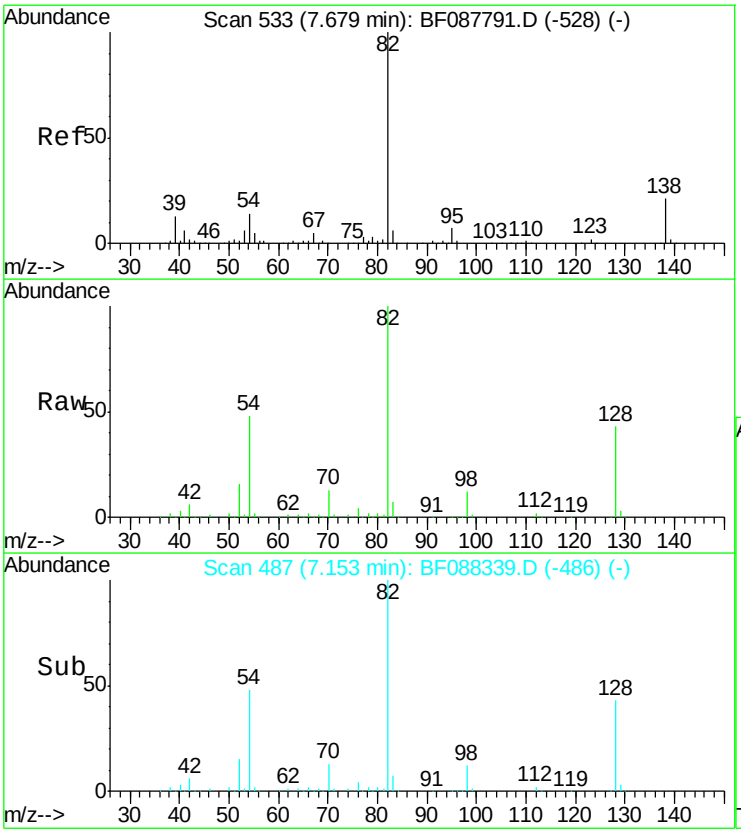
#23
Nitrobenzene-d5
Concen: 65.67 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Instrument :
BNA_F
ClientSampleId :
PM-STA-1412(0-4)

Tgt Ion: 82 Resp: 361676

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.9	53.9
54	47.8	40.9	61.3

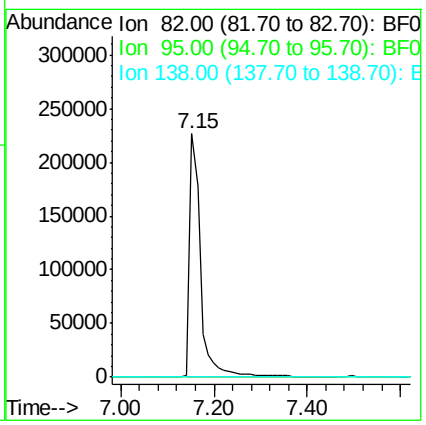


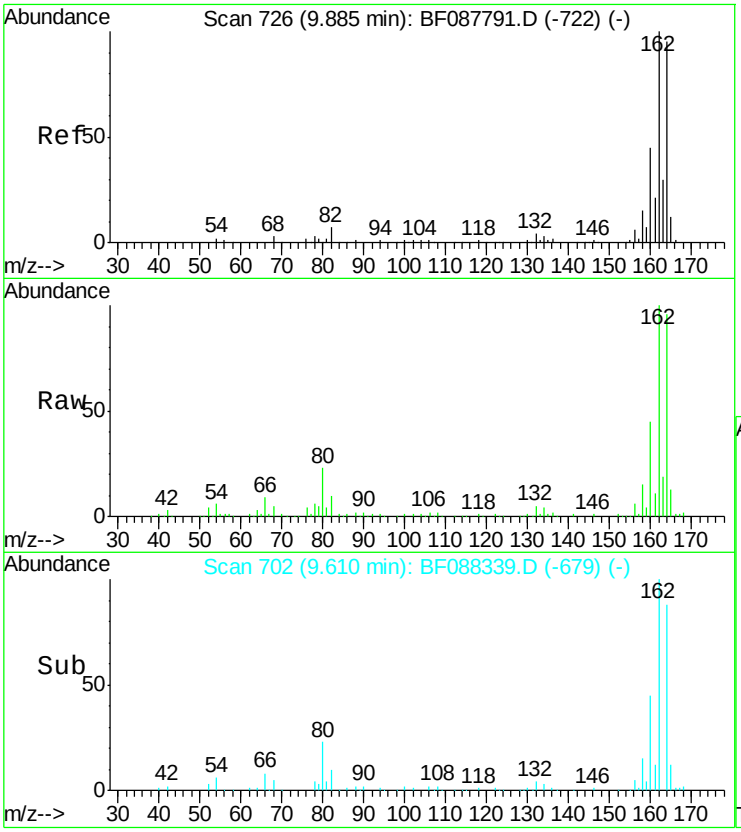


#25
Isophorone
Concen: 34.62 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.29 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Tgt Ion: 82 Resp: 353225

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	14.6	21.8#



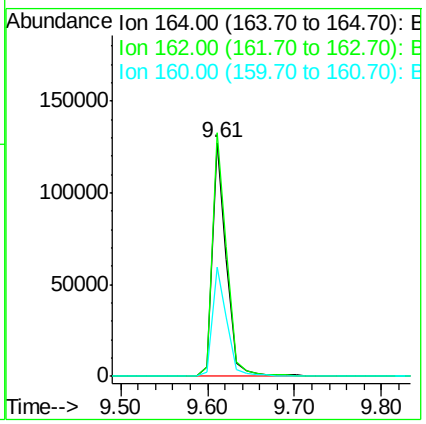


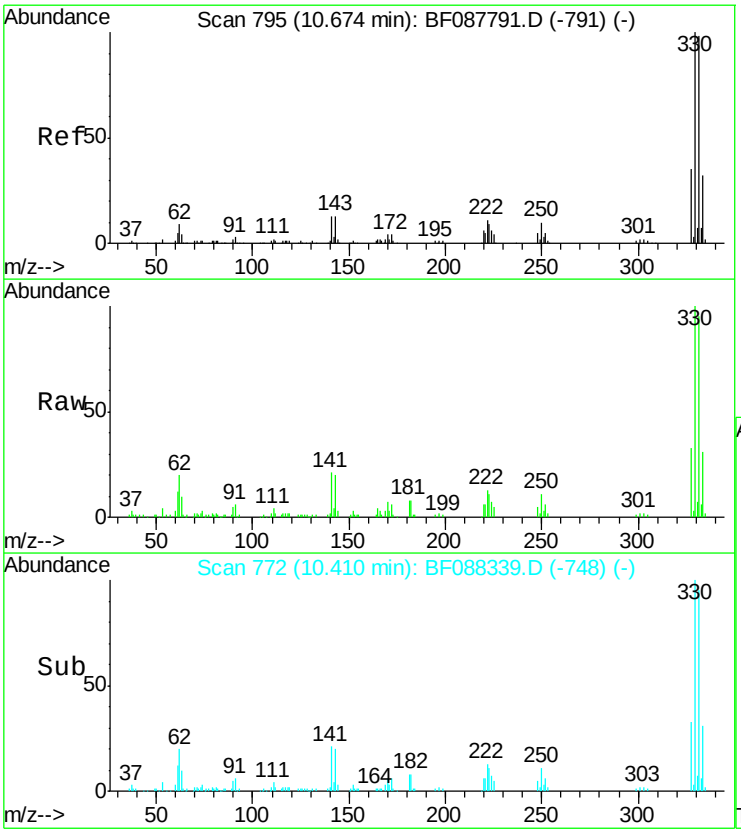
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Instrument :
BNA_F
ClientSampleId :
PM-STA-1412(0-4)

Tgt Ion:164 Resp: 145564

Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.4	128.2
160	46.6	39.5	59.3

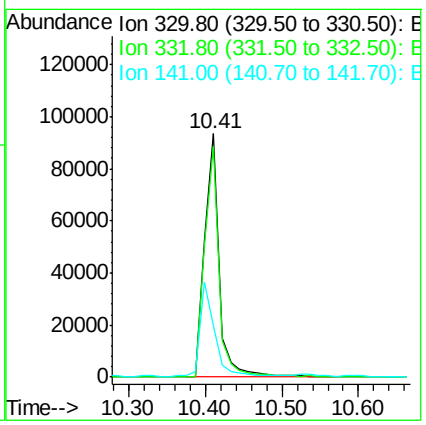


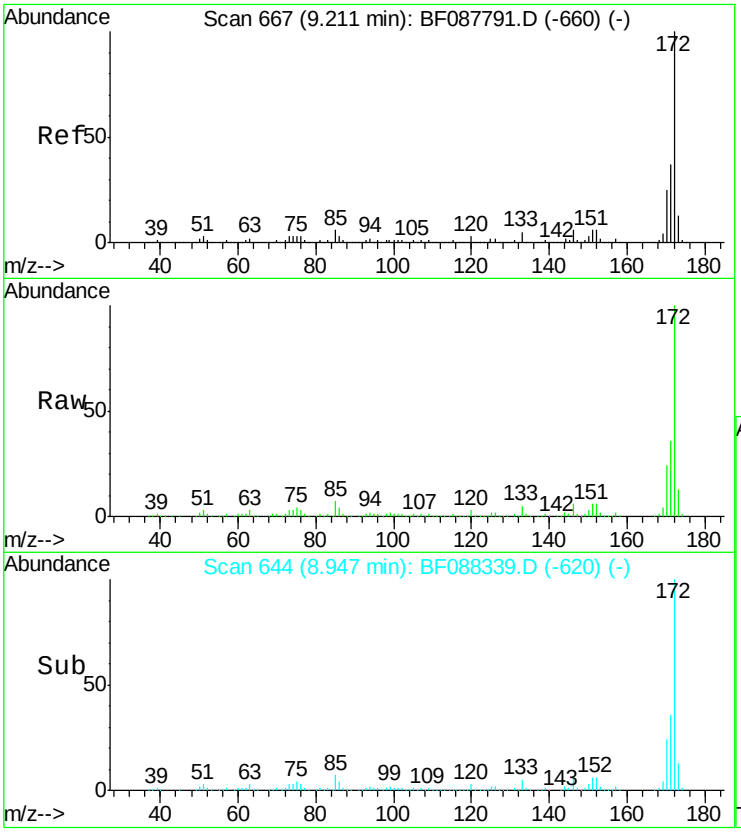


#41
2,4,6-Tribromophenol
Concen: 78.79 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Tgt Ion:330 Resp: 121102

Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	39.5	0.0	0.0#



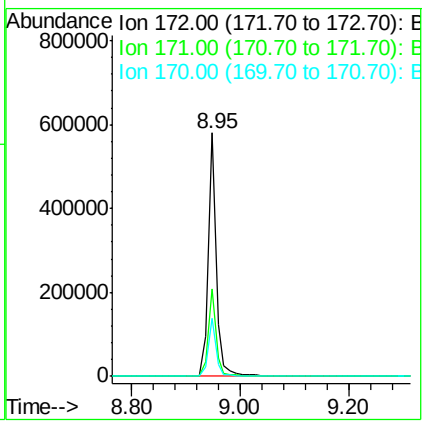


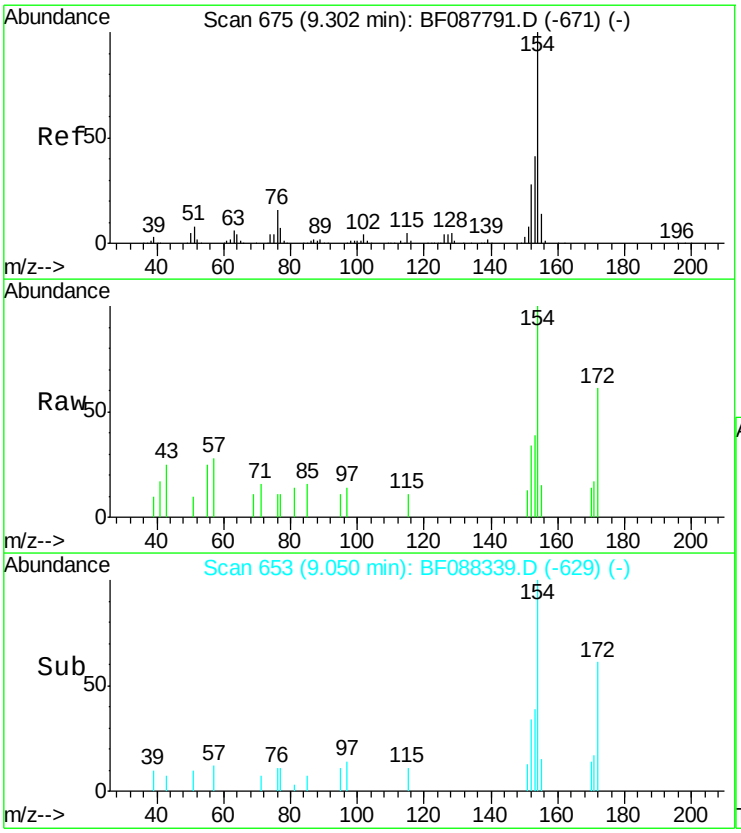
#44
2-Fluorobiphenyl
Concen: 62.78 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Instrument :
BNA_F
ClientSampleId :
PM-STA-1412(0-4)

Tgt Ion:172 Resp: 595176

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.1	19.2	28.8

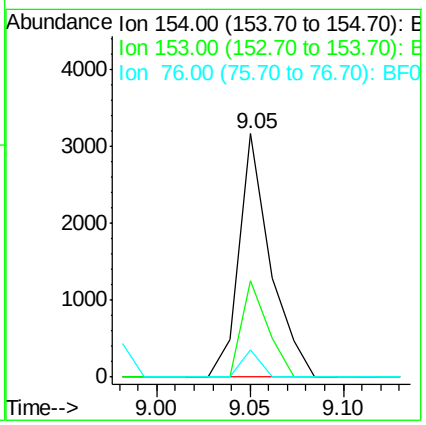


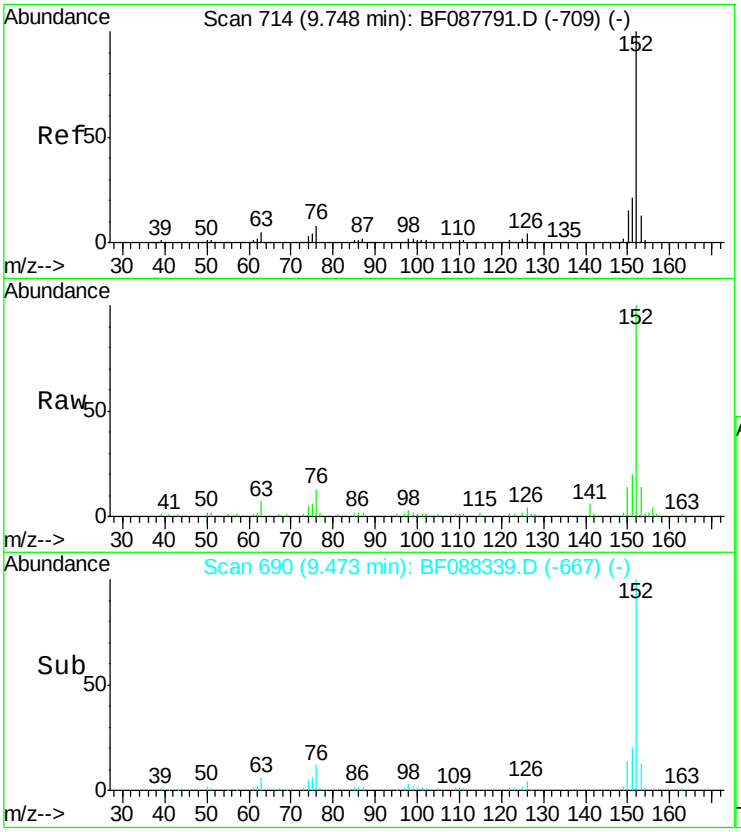


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.05 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Tgt Ion:154 Resp: 3719

Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.6	60.6
76	11.2	0.0	35.1



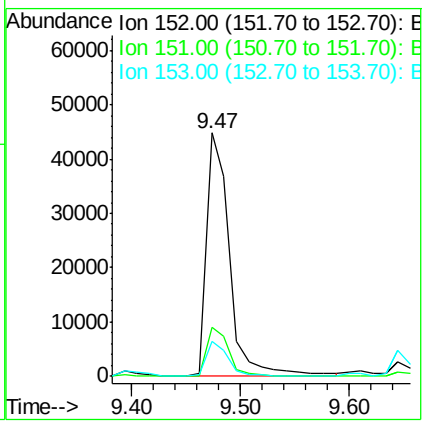


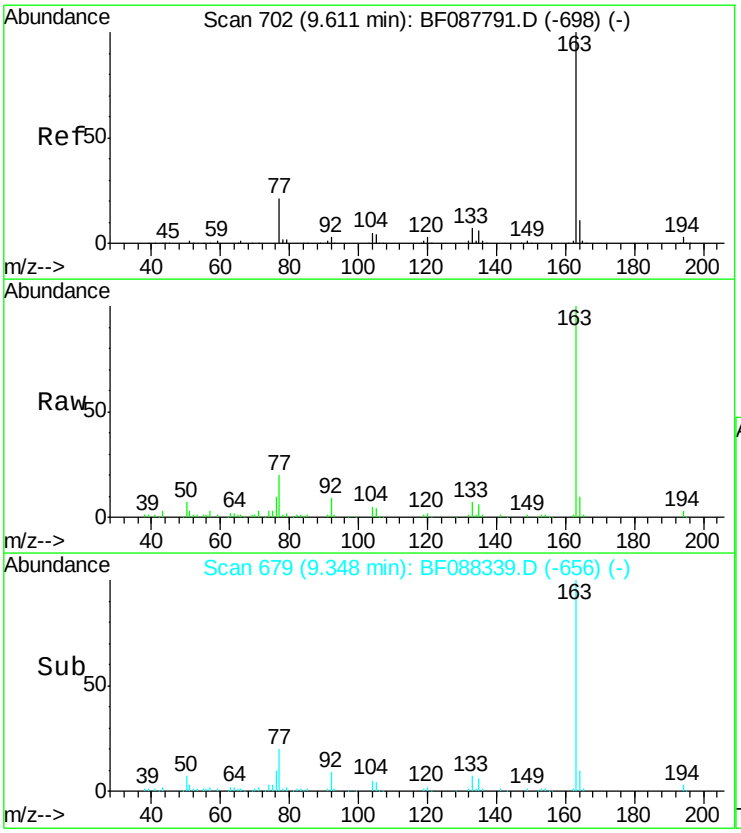
#48
Acenaphthylene
Concen: 4.46 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Instrument :
BNA_F
ClientSampleId :
PM-STA-1412(0-4)

Tgt Ion:152 Resp: 66854

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4
153	14.2	11.0	16.6

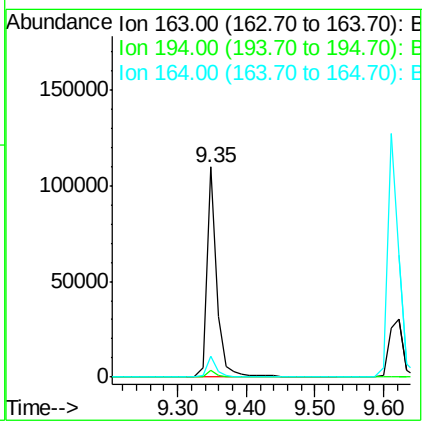


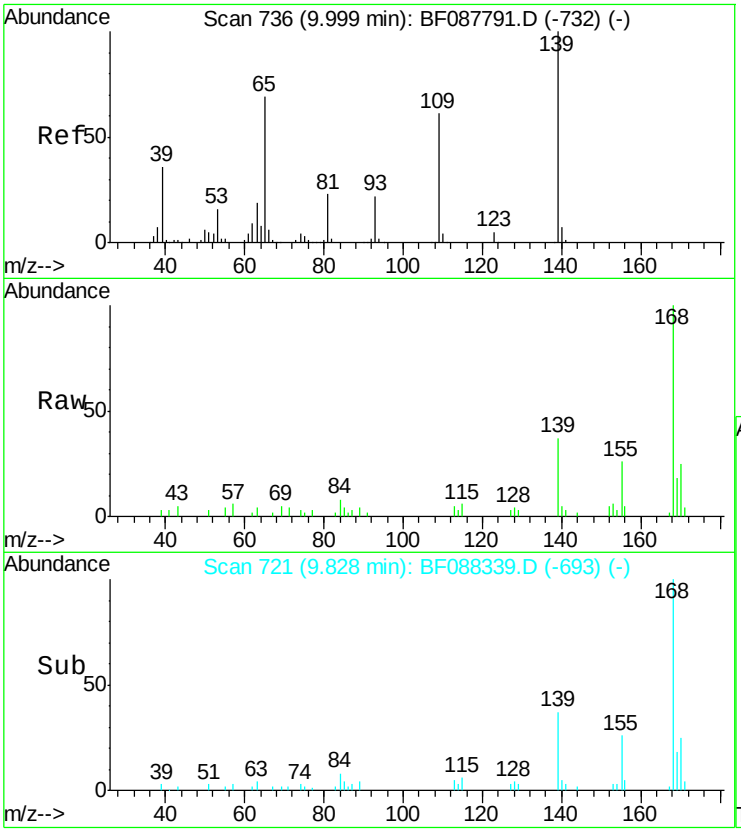


#49
Dimethylphthalate
Concen: 10.59 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Tgt Ion:163 Resp: 111703

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.3	8.3	12.5



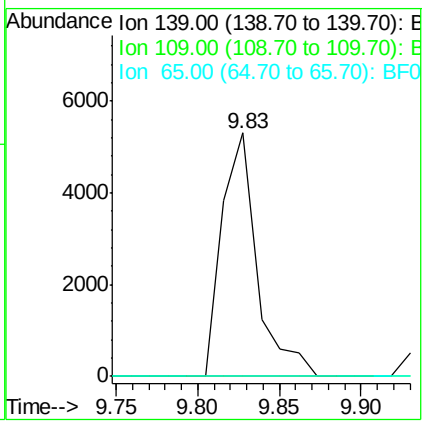


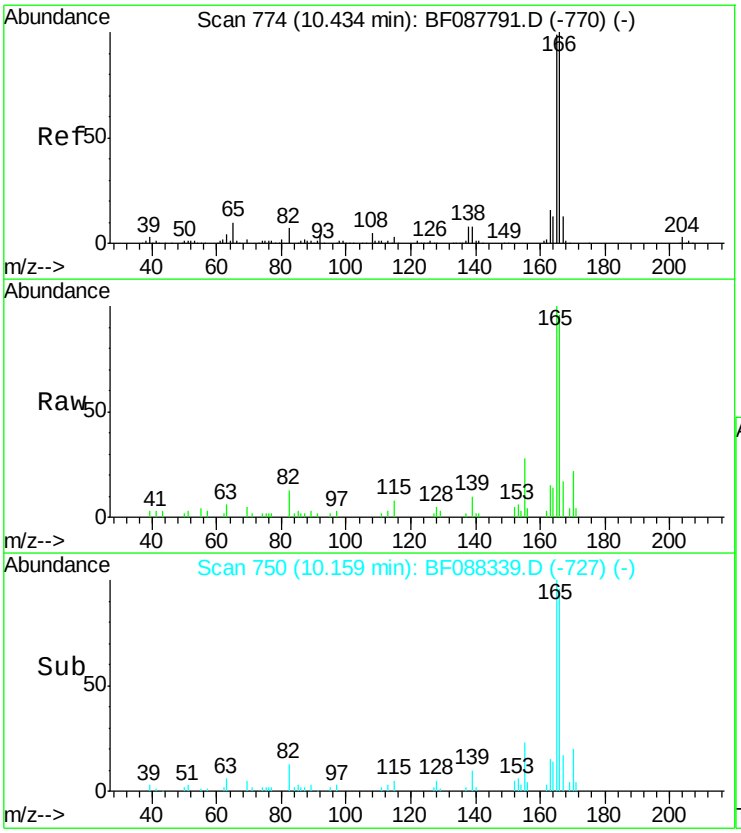
#55
4-Nitrophenol
Concen: 3.64 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.02 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Instrument :
BNA_F
ClientSampleId :
PM-STA-1412(0-4)

Tgt Ion:139 Resp: 7874

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.9	88.9#
65	0.0	84.9	124.9#

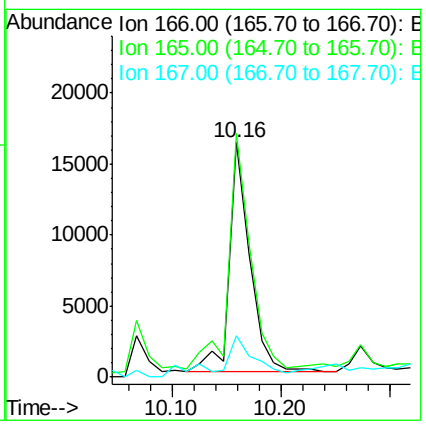


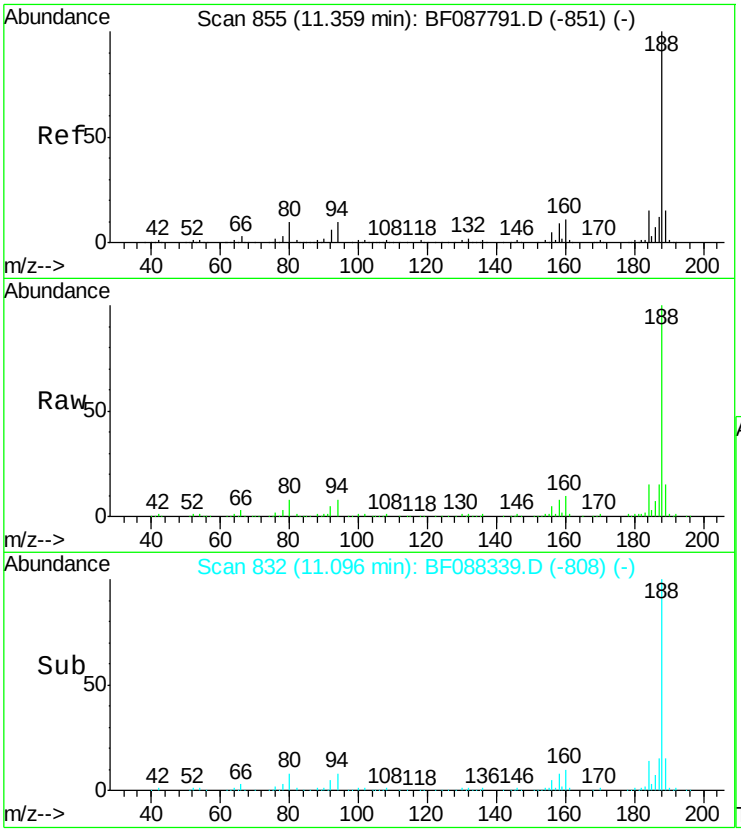


#57
Fluorene
Concen: Below Cal
RT: 10.16 min Scan# 750
Delta R.T. -0.03 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Tgt Ion:166 Resp: 20966

Ion	Ratio	Lower	Upper
166	100		
165	103.9	77.8	116.8
167	17.7	11.2	16.8#



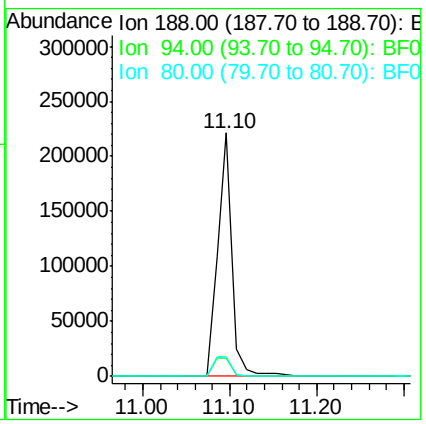


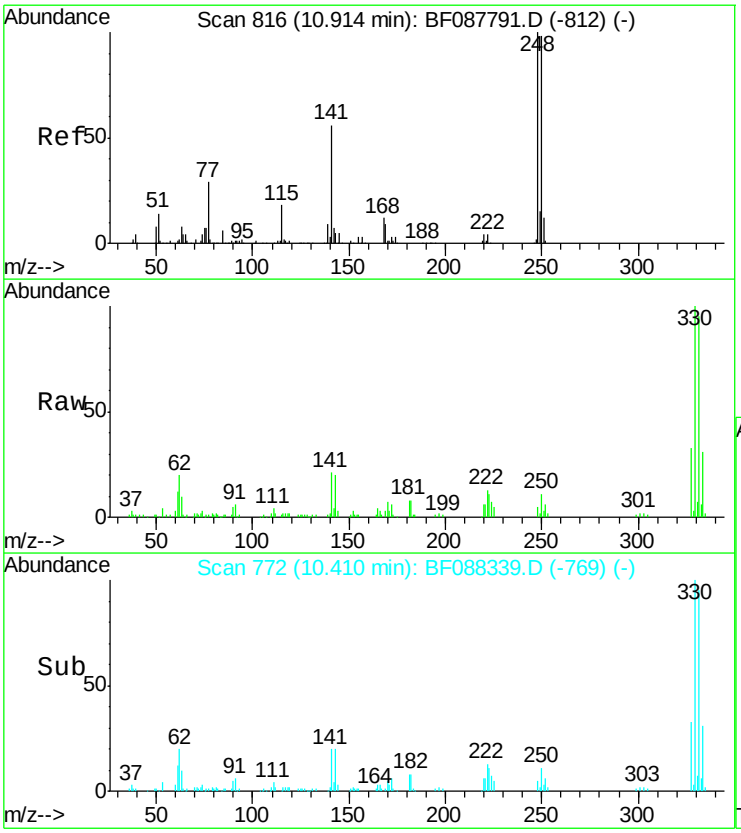
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Instrument :
BNA_F
ClientSampleId :
PM-STA-1412(0-4)

Tgt Ion:188 Resp: 255657

Ion	Ratio	Lower	Upper
188	100		
94	7.7	9.0	13.6#
80	7.9	10.0	15.0#

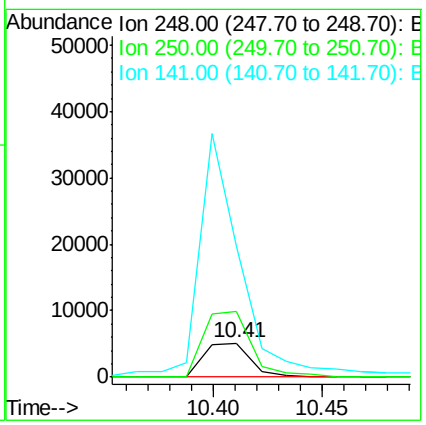


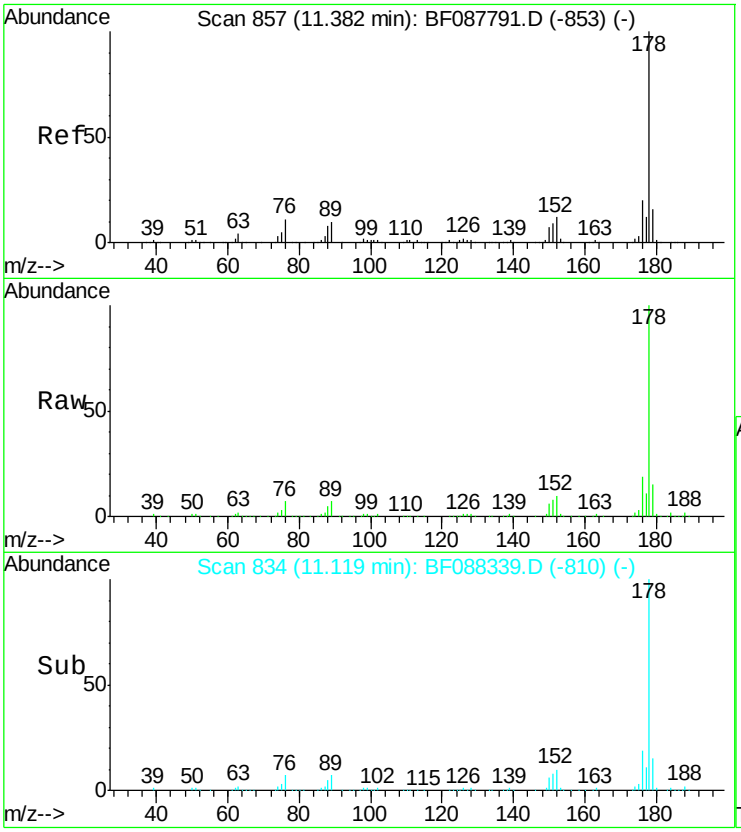


#66
4-Bromophenyl-phenylether
Concen: 2.77 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.26 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Tgt Ion:248 Resp: 7606

Ion	Ratio	Lower	Upper
248	100		
250	194.2	77.1	115.7#
141	388.2	50.6	76.0#



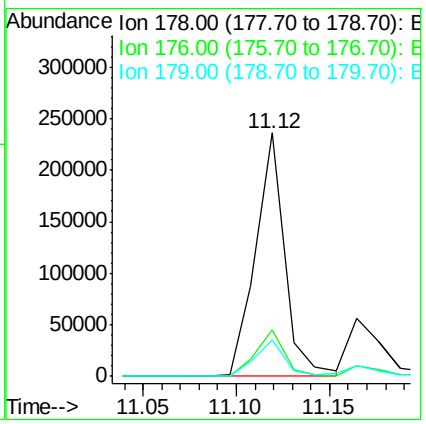


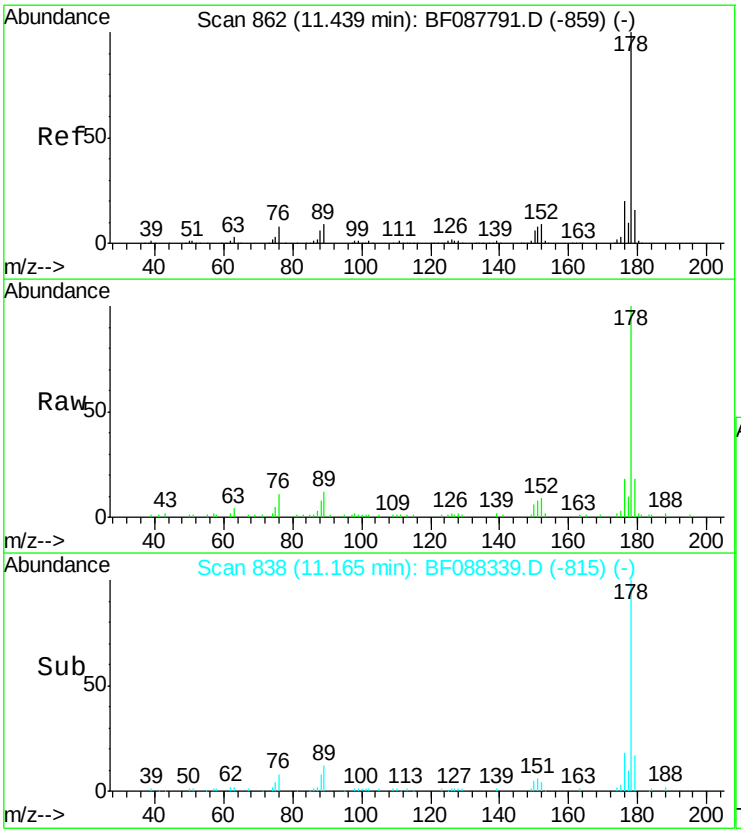
#70
Phenanthrene
Concen: 19.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Instrument :
BNA_F
ClientSampleId :
PM-STA-1412(0-4)

Tgt Ion:178 Resp: 254847

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.6
179	15.1	13.0	19.4

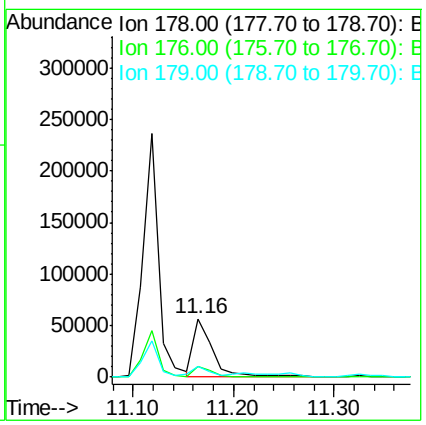


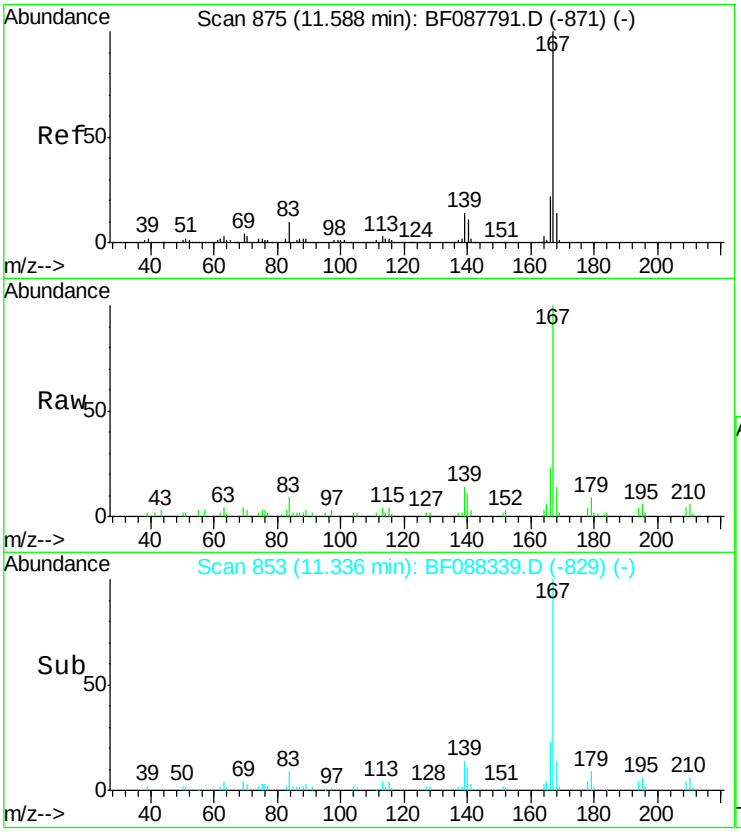


#71
Anthracene
Concen: 5.67 ng
RT: 11.16 min Scan# 838
Delta R.T. -0.03 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Tgt Ion:178 Resp: 76777

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.6	23.4
179	17.5	12.8	19.2



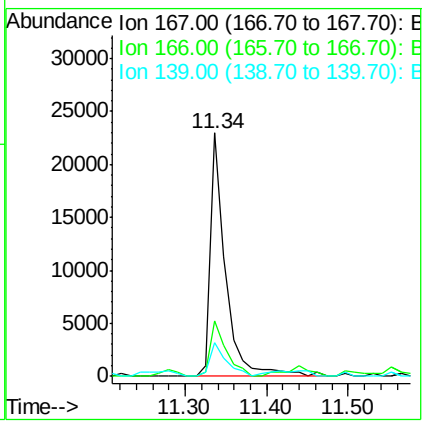


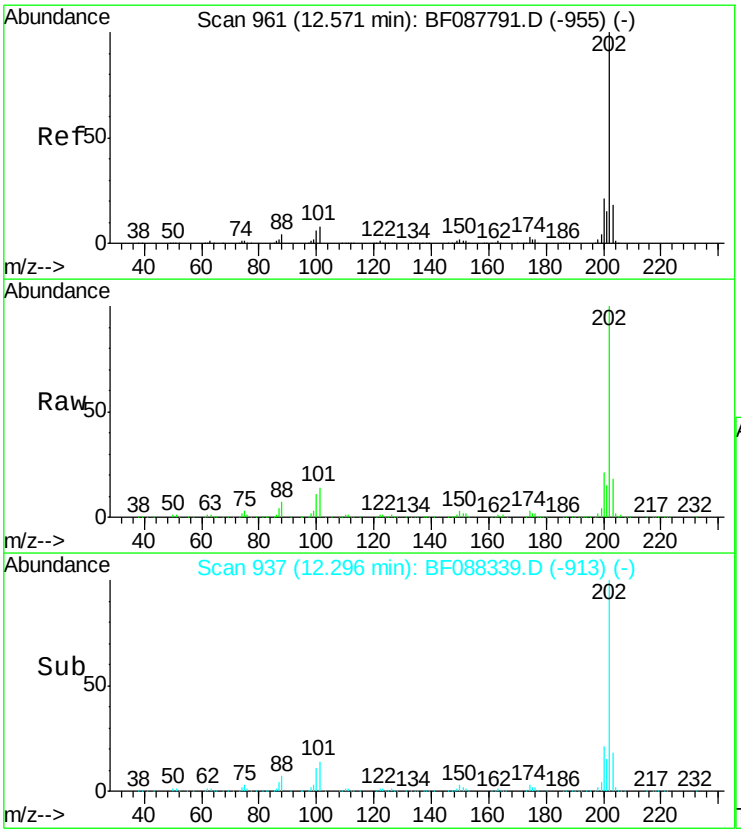
#72
Carbazole
Concen: 2.36 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Instrument :
BNA_F
ClientSampleId :
PM-STA-1412(0-4)

Tgt Ion:167 Resp: 29934

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.8	26.6
139	14.0	11.2	16.8

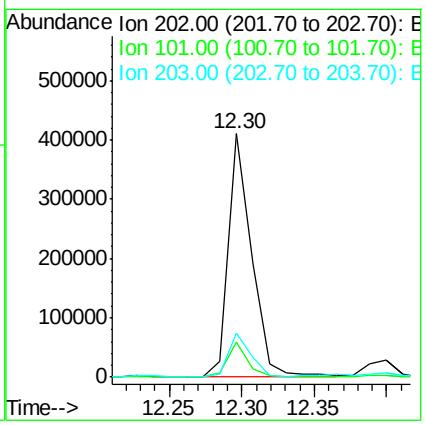


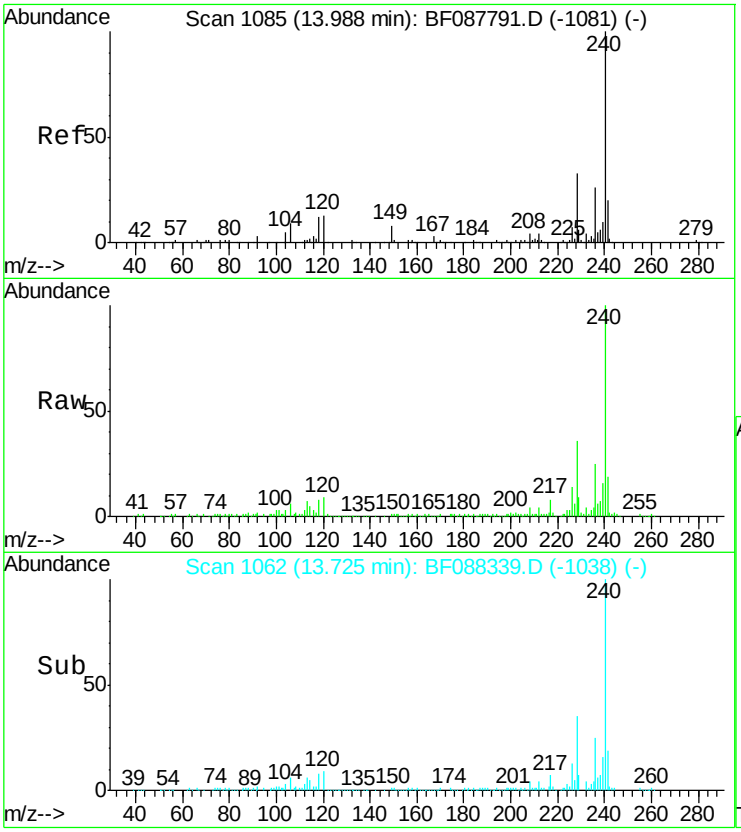


#74
Fluoranthene
Concen: 32.25 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.02 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Tgt Ion:202 Resp: 456528

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	33.1
203	17.9	0.0	38.1



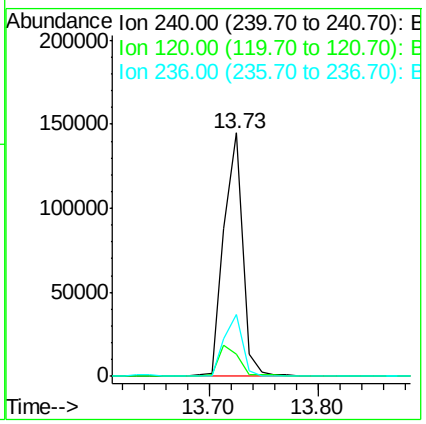


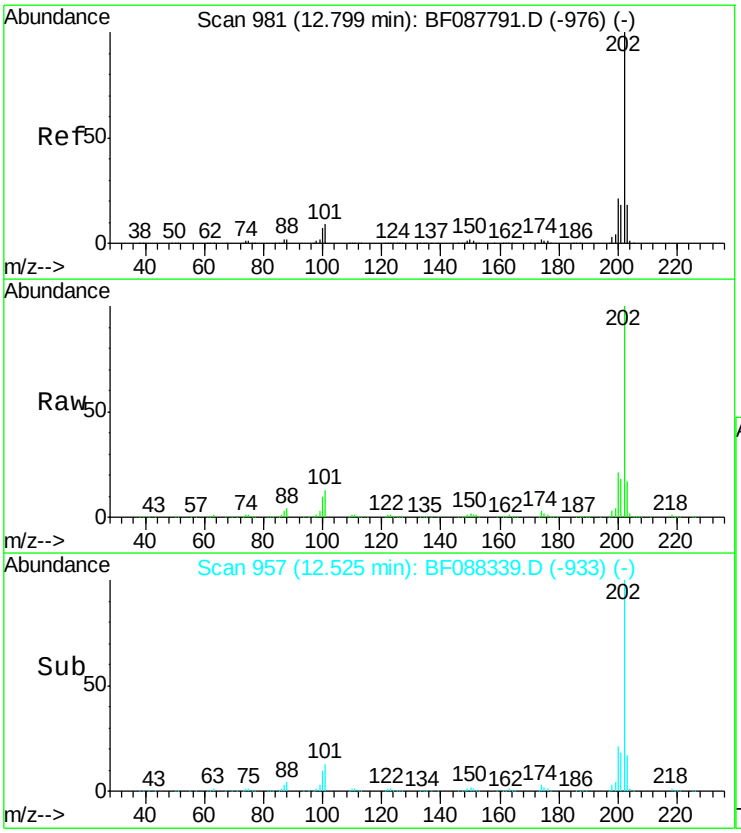
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Instrument :
BNA_F
ClientSampleId :
PM-STA-1412(0-4)

Tgt Ion:240 Resp: 174006

Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.8	10.2
236	25.4	20.2	30.2

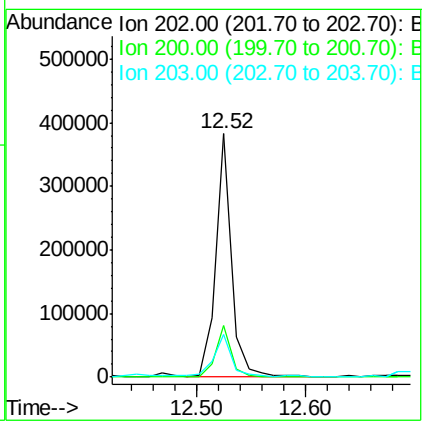


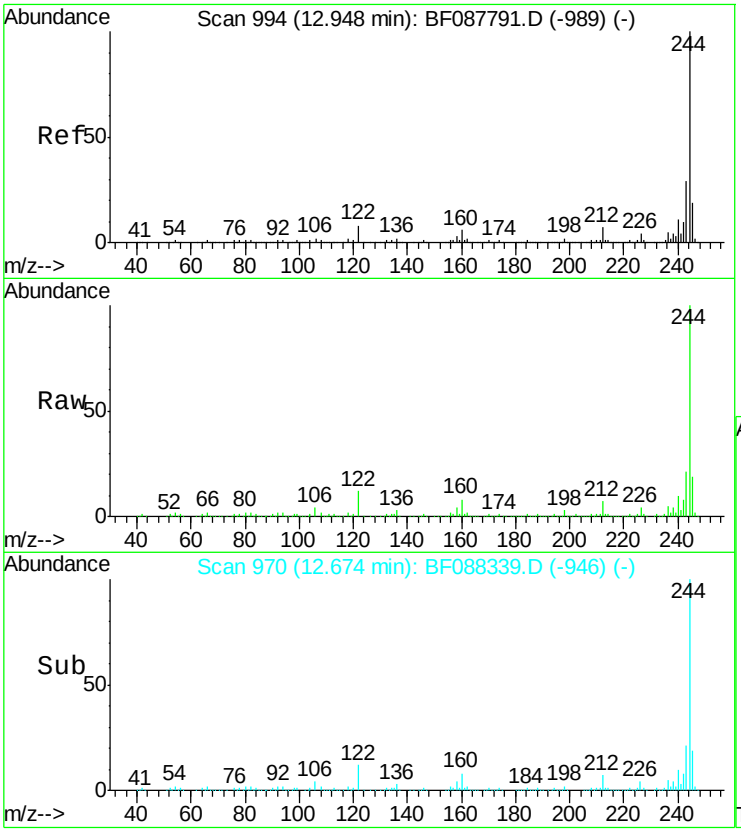


#77
Pyrene
Concen: 29.76 ng
RT: 12.52 min Scan# 957
Delta R.T. -0.02 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Tgt Ion:202 Resp: 384258

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.5	14.5	21.7



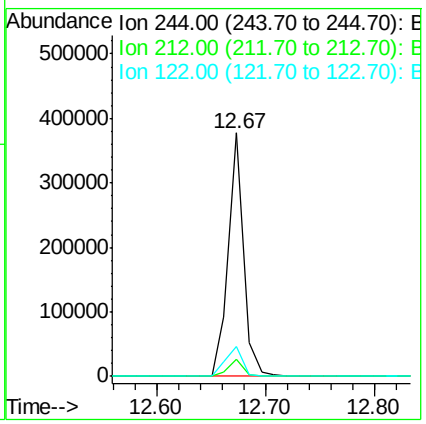


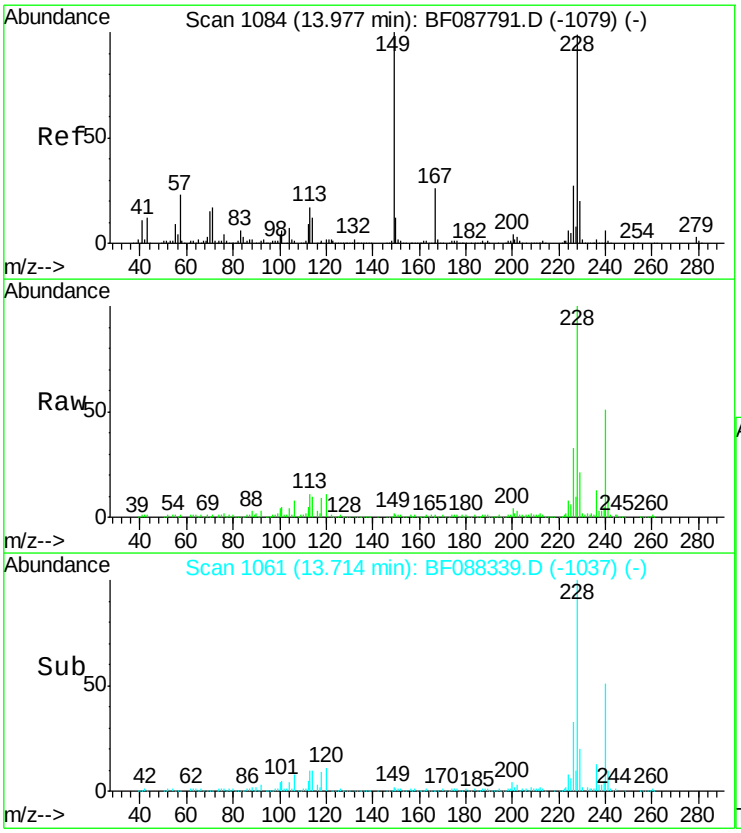
#78
Terphenyl-d14
Concen: 47.72 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.02 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Instrument :
BNA_F
ClientSampleId :
PM-STA-1412(0-4)

Tgt Ion:244 Resp: 364923

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	12.5	11.2	16.8

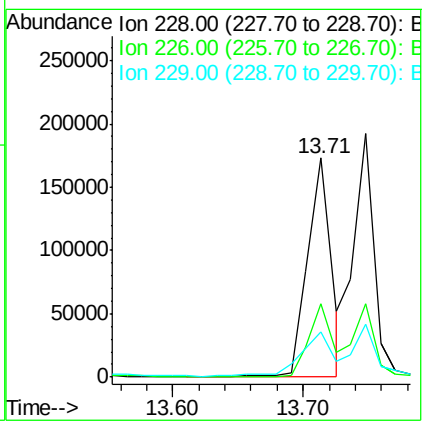


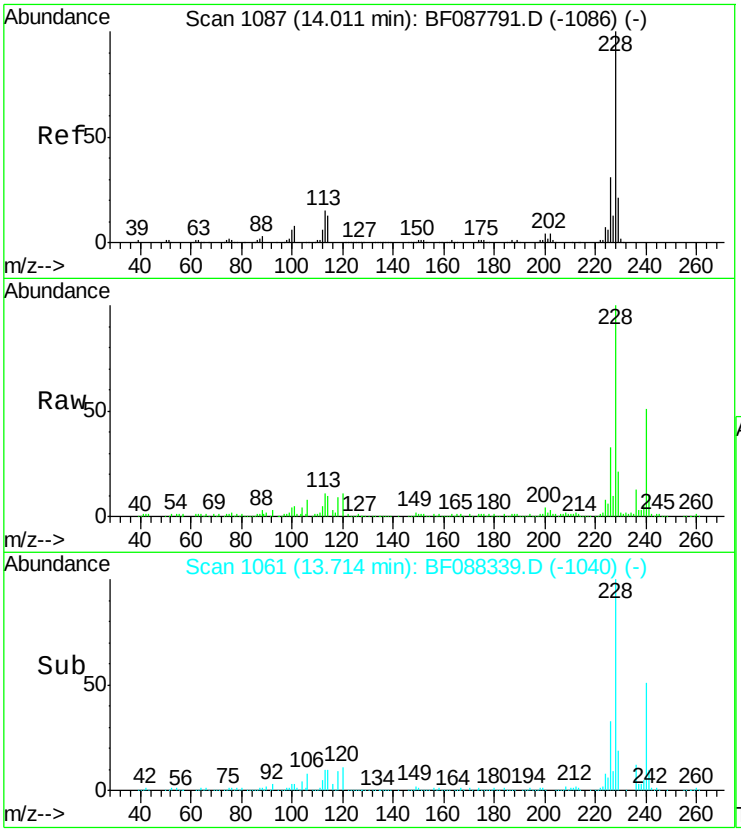


#80
Benzo(a)anthracene
Concen: 21.63 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Tgt Ion:228 Resp: 214465

Ion	Ratio	Lower	Upper
228	100		
226	33.5	22.3	33.5
229	20.5	16.0	24.0



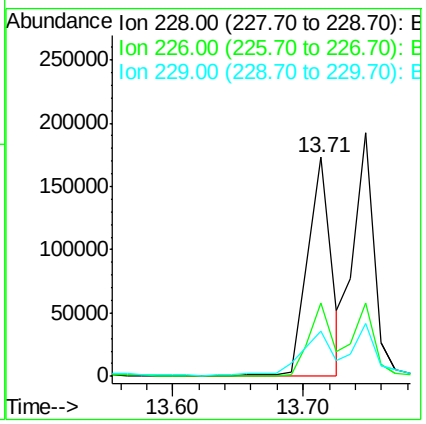


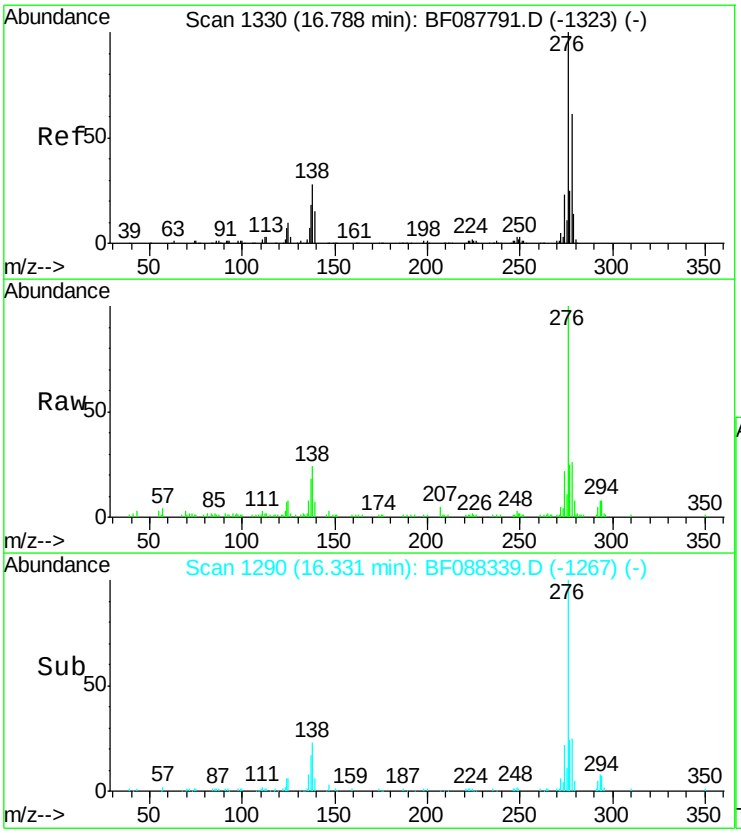
#82
Chrysene
Concen: 22.99 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.06 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Instrument :
BNA_F
ClientSampleId :
PM-STA-1412(0-4)

Tgt Ion:228 Resp: 214465

Ion	Ratio	Lower	Upper
228	100		
226	33.5	25.4	38.2
229	20.5	16.3	24.5

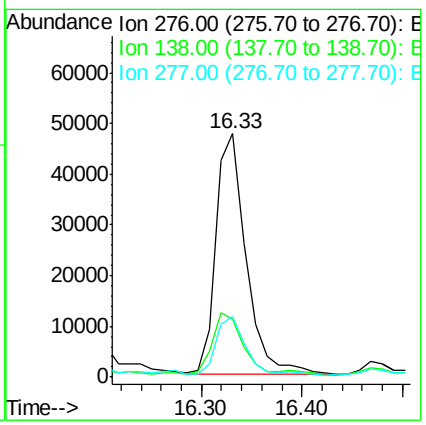


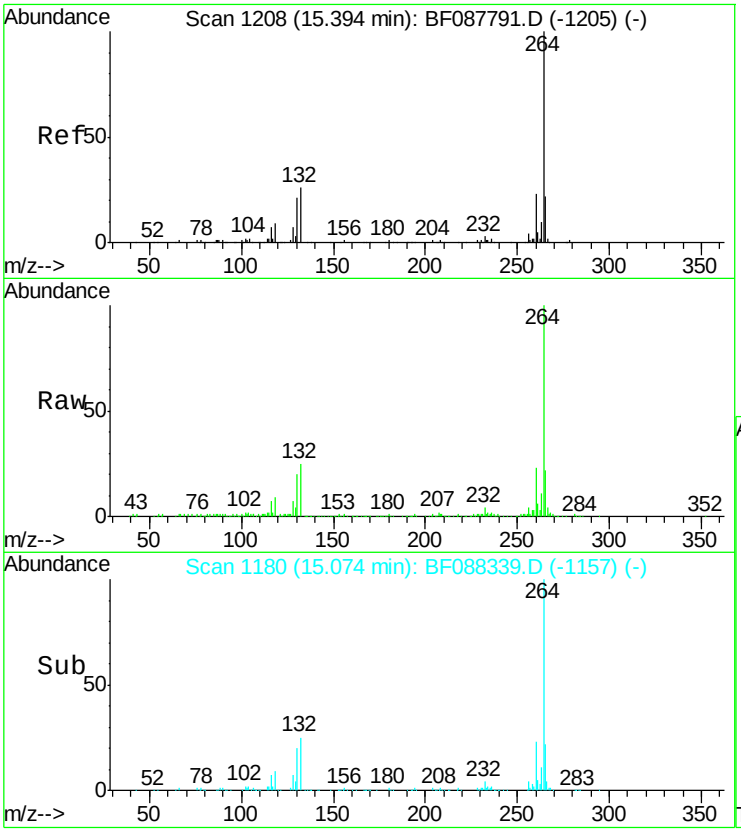


#85
Indeno(1,2,3-cd)pyrene
Concen: 11.37 ng
RT: 16.33 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Tgt Ion:276 Resp: 98566

Ion	Ratio	Lower	Upper
276	100		
138	27.2	0.0	0.0#
277	24.0	0.0	0.0#



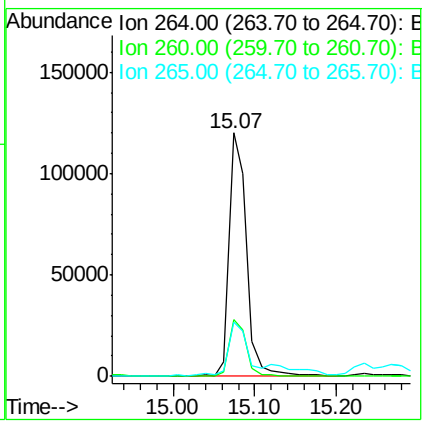


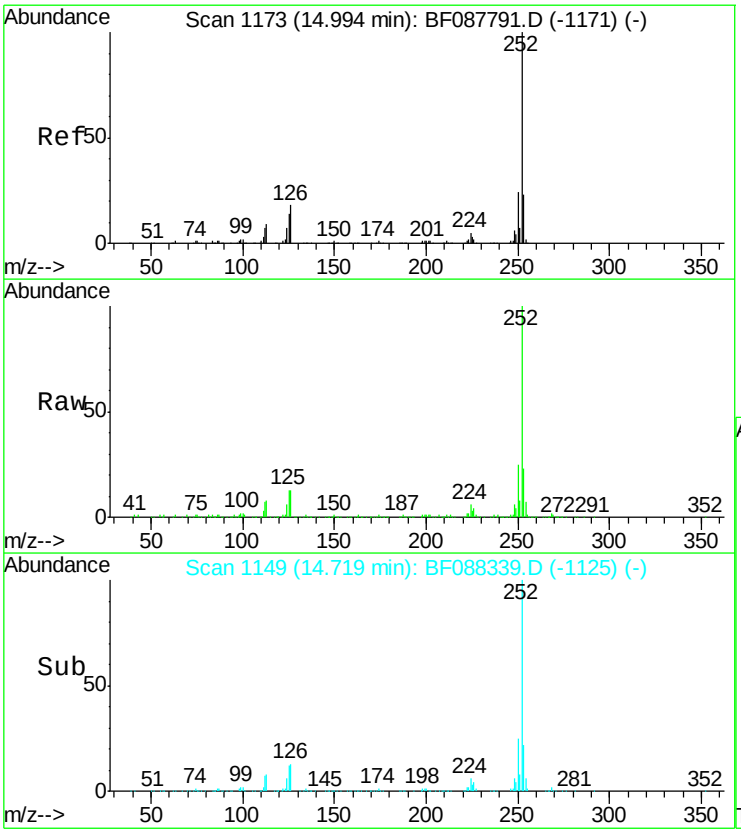
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.03 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Instrument :
BNA_F
ClientSampleId :
PM-STA-1412(0-4)

Tgt Ion:264 Resp: 177434

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.3	16.9	25.3

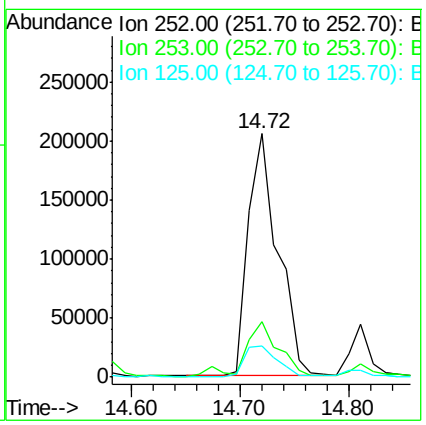


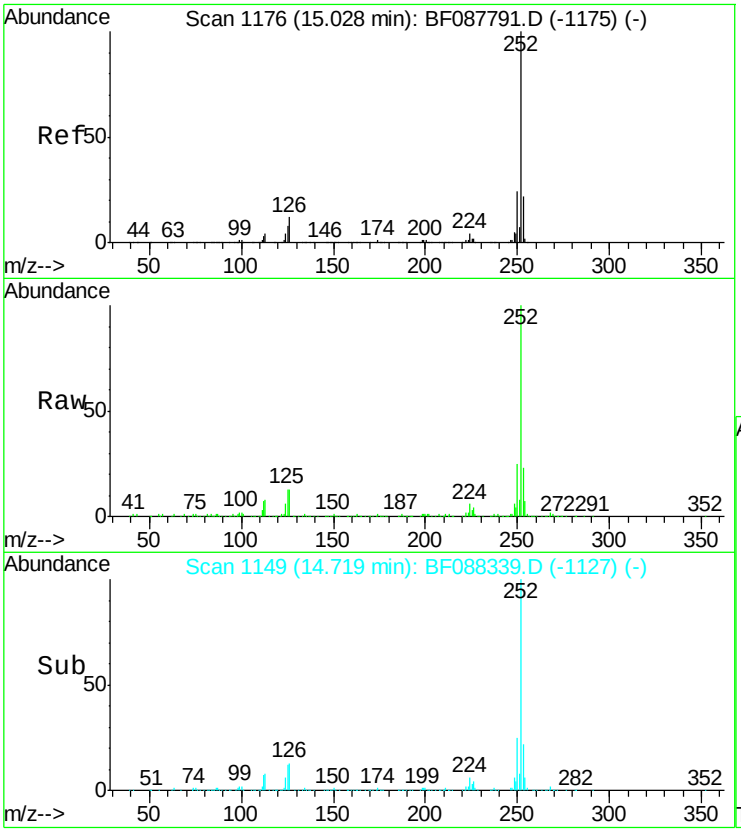


#87
Benzo(b)fluoranthene
Concen: 31.63 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Tgt Ion:252 Resp: 391166

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	12.7	7.1	10.7#



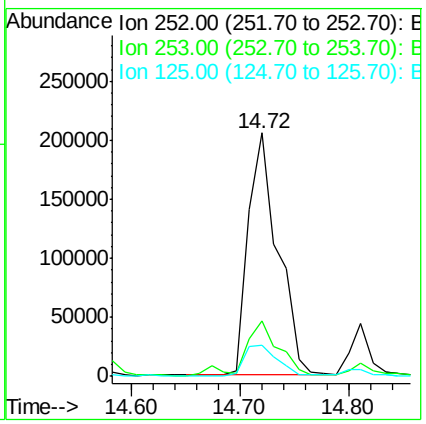


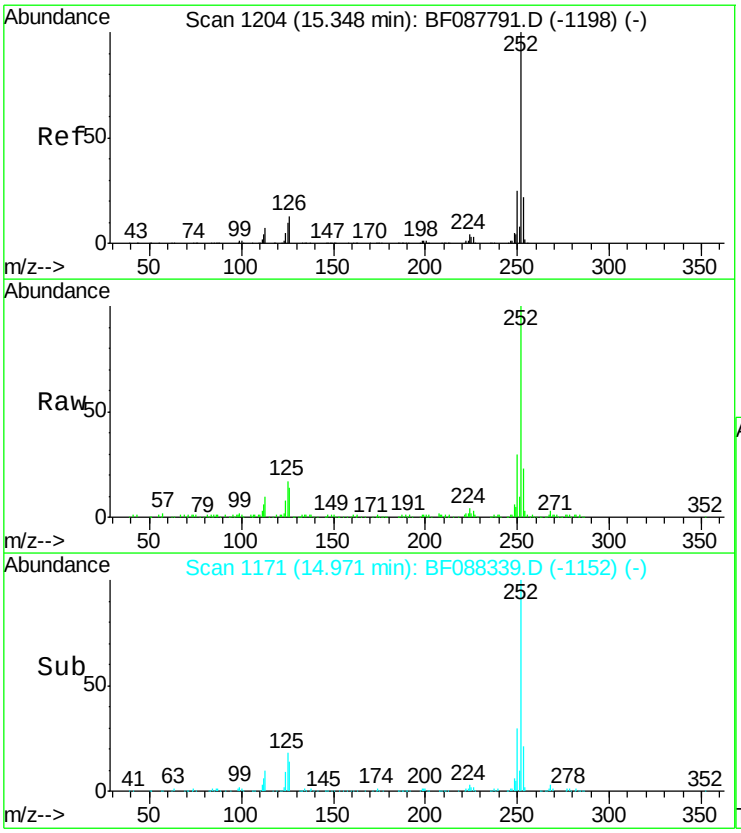
#88
Benzo(k)fluoranthene
Concen: 41.93 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.05 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Instrument :
BNA_F
ClientSampleId :
PM-STA-1412(0-4)

Tgt Ion:252 Resp: 391166

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	12.7	11.2	16.8

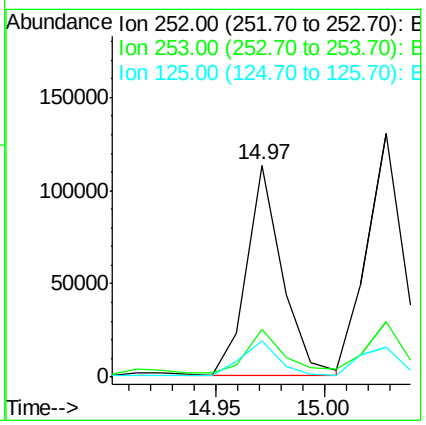


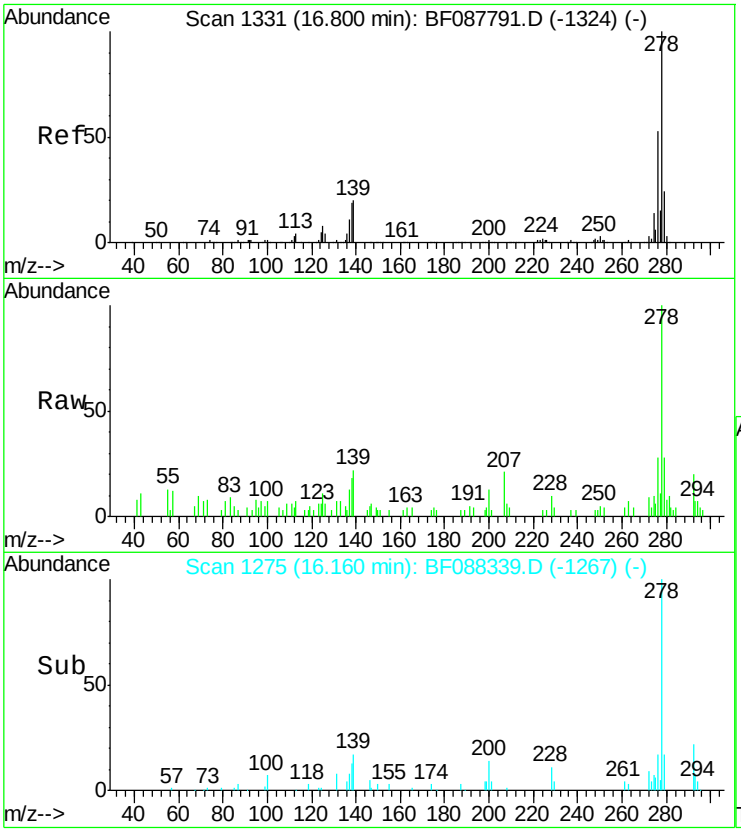


#89
Benzo(a)pyrene
Concen: 12.88 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.08 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Tgt Ion:252 Resp: 128853

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	17.1	12.5	18.7



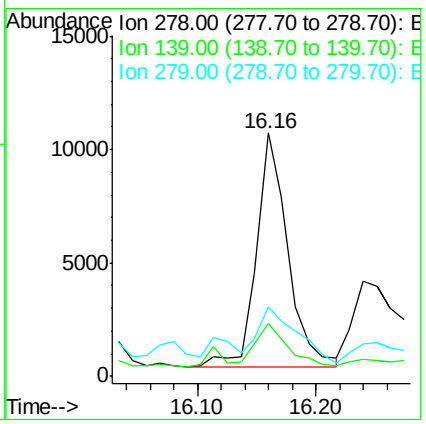


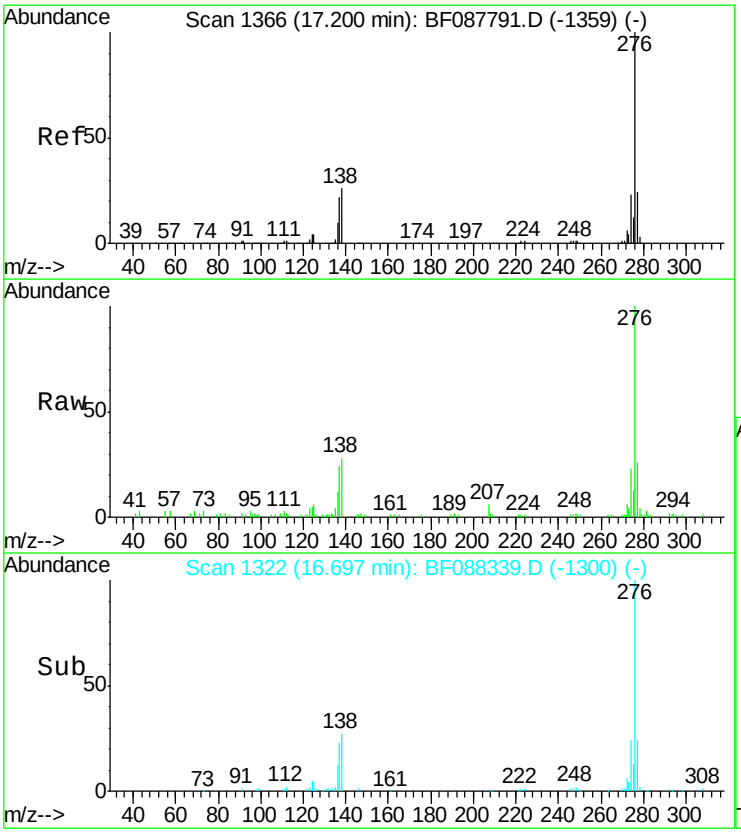
#90
Dibenzo(a,h)anthracene
Concen: 2.04 ng
RT: 16.16 min Scan# 1275
Delta R.T. -0.21 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Instrument :
BNA_F
ClientSampleId :
PM-STA-1412(0-4)

Tgt Ion:278 Resp: 18921

Ion	Ratio	Lower	Upper
278	100		
139	21.5	15.7	23.5
279	28.4	19.4	29.2





#91
Benzo(g,h,i)perylene
Concen: 8.09 ng
RT: 16.70 min Scan# 1322
Delta R.T. -0.05 min
Lab File: BF088339.D
Acq: 24 Jun 2016 18:53

Tgt Ion:276 Resp: 77368

Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.9	28.3
138	28.4	21.4	32.2